

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011520\
 Data File : BN009379.D
 Acq On : 15 Jan 2020 15:20
 Operator : JU
 Sample : PB126024BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB126024BL

Quant Time: Jan 15 17:38:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 09:33:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	1470	0.40	ng	0.00
7) Naphthalene-d8	10.23	136	4896	0.40	ng	0.00
13) Acenaphthene-d10	14.10	164	3177	0.40	ng	0.00
19) Phenanthrene-d10	16.86	188	7069	0.40	ng	0.00
27) Chrysene-d12	21.07	240	6647	0.40	ng	0.00
34) Perylene-d12	23.19	264	6742	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	1036	0.31	ng	0.00
5) Phenol-d6	6.68	99	1212	0.31	ng	0.00
8) Nitrobenzene-d5	8.64	82	1138	0.29	ng	0.01
11) 2-Methylnaphthalene-d10	11.83	152	2584	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.62	330	269	0.22	ng	0.00
15) 2-Fluorobiphenyl	12.73	172	3843	0.32	ng	0.00
25) Fluoranthene-d10	18.90	212	6826	0.28	ng	0.00
29) Terphenyl-d14	19.51	244	5137	0.33	ng	0.00

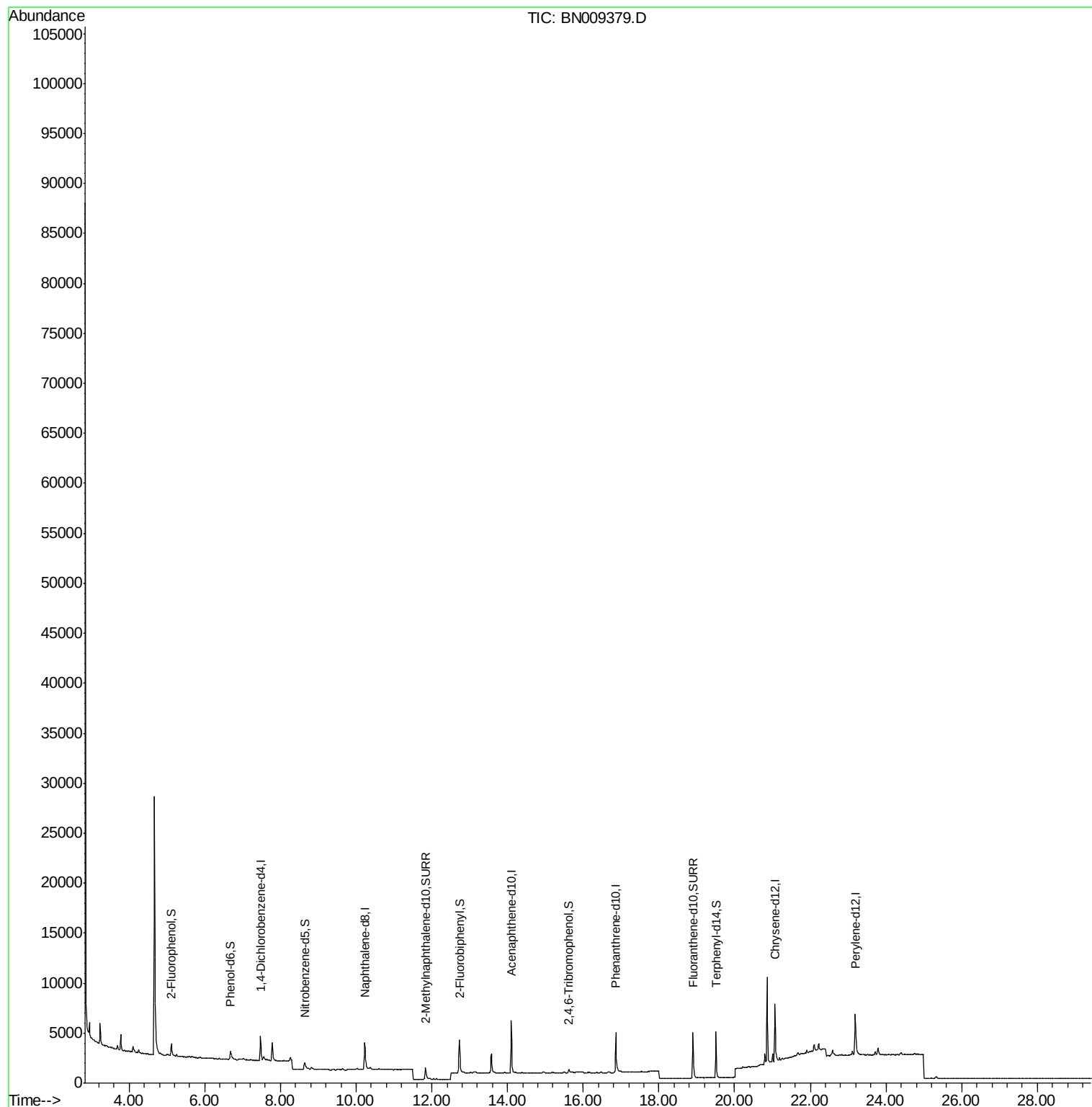
Target Compounds	Qvalue
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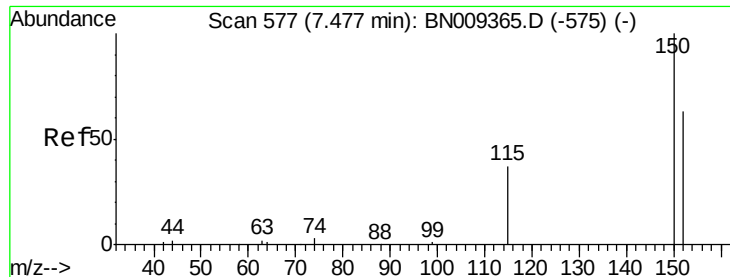
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BN009379.D

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Instrument :

BNA_N

ClientSampleId :

PB126024BL

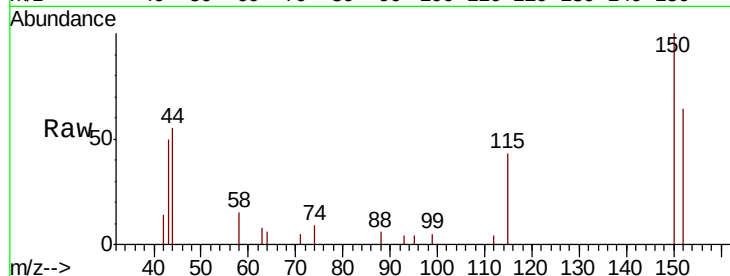
Tot Ion:152 Resp: 1470

Ion Ratio Lower Upper

152 100

150 155.1 125.7 188.5

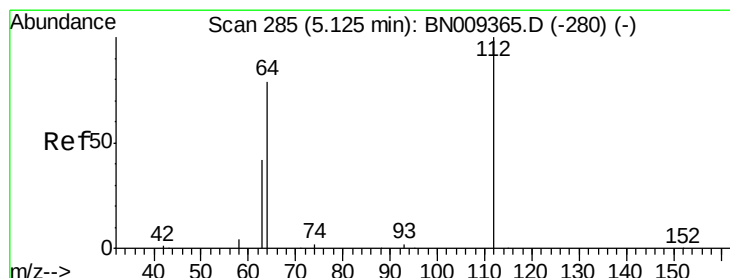
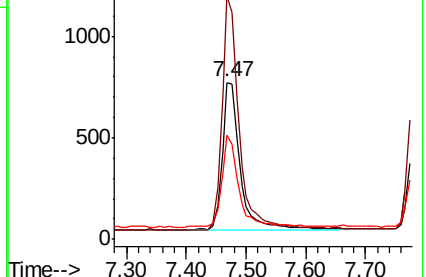
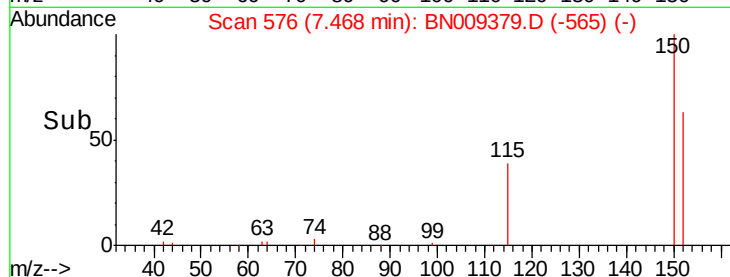
115 66.1 53.3 79.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol

Concen: 0.306 ng

RT: 5.12 min Scan# 284

Delta R.T. -0.01 min

Lab File: BN009379.D

Acq: 15 Jan 2020 15:20

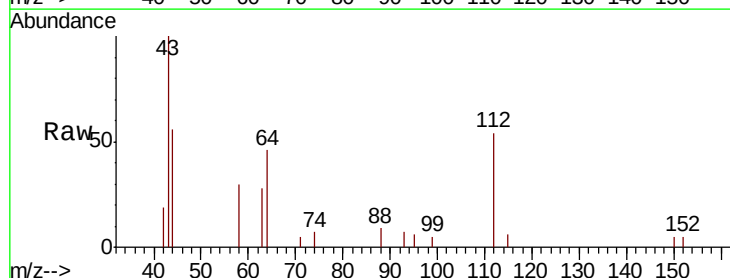
Tgt Ion:112 Resp: 1036

Ion Ratio Lower Upper

112 100

64 78.7 61.5 92.3

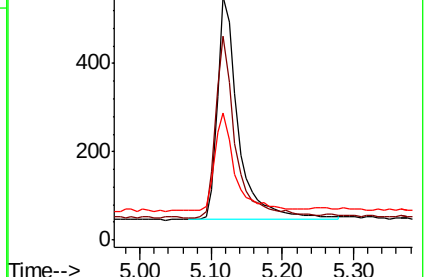
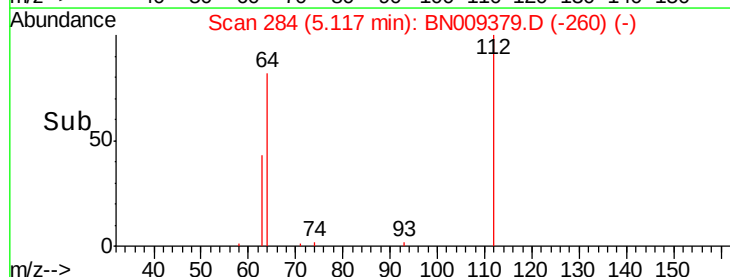
63 42.6 35.0 52.4

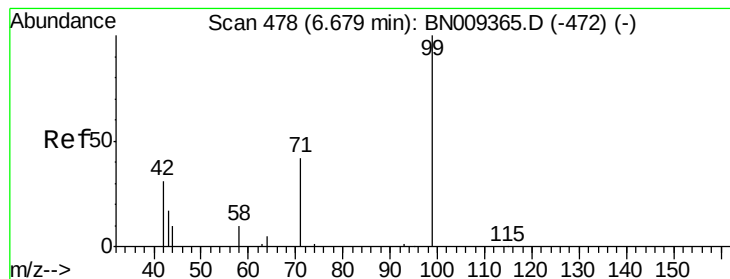


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.310 ng

RT: 6.68 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN009379.D

Acq: 15 Jan 2020 15:20

Instrument :

BNA_N

ClientSampleId :

PB126024BL

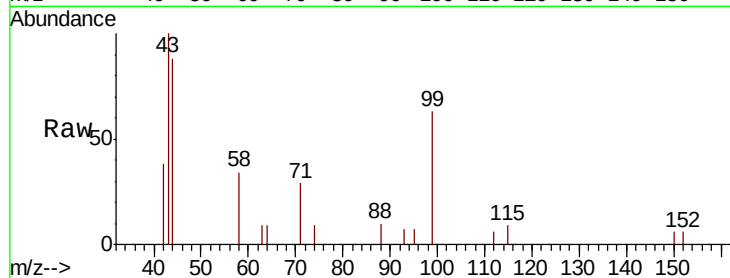
Tot Ion: 99 Resp: 1212

Ion Ratio Lower Upper

99 100

42 30.5 27.6 41.4

71 41.9 33.0 49.6



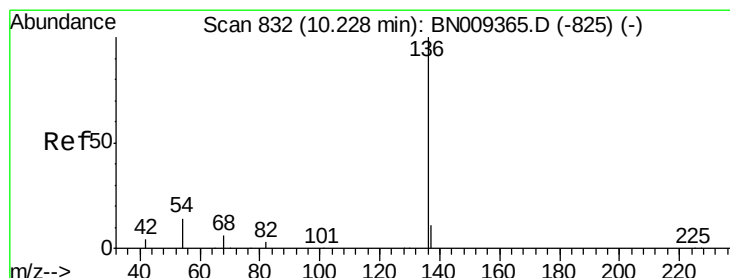
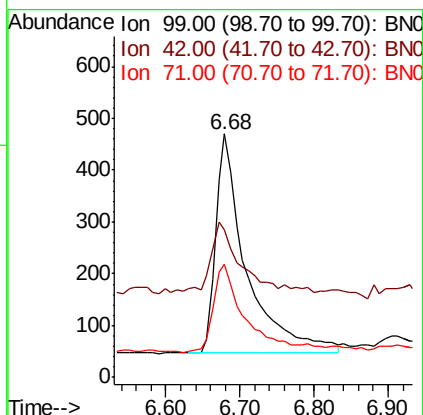
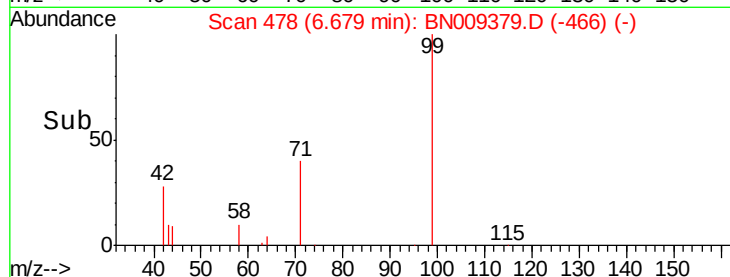
Abundance Ion 99.00 (98.70 to 99.70): BN009365.D (-472) (-)

Ion 42.00 (41.70 to 42.70): BN009365.D (-472) (-)

Ion 71.00 (70.70 to 71.70): BN009365.D (-472) (-)

6.68

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.23 min Scan# 832

Delta R.T. -0.00 min

Lab File: BN009379.D

Acq: 15 Jan 2020 15:20

Tgt Ion: 136 Resp: 4896

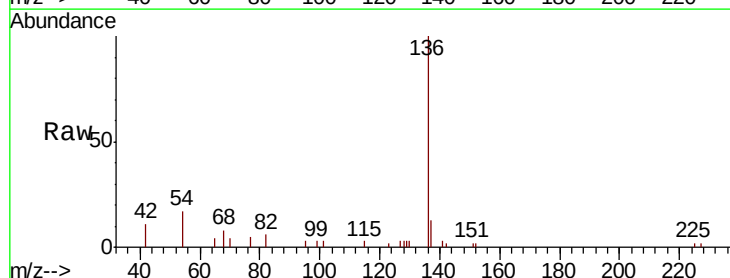
Ion Ratio Lower Upper

136 100

137 12.6 10.3 15.5

54 16.6 12.6 19.0

68 8.3 6.5 9.7



Abundance Ion 136.00 (135.70 to 136.70): BN009365.D (-825) (-)

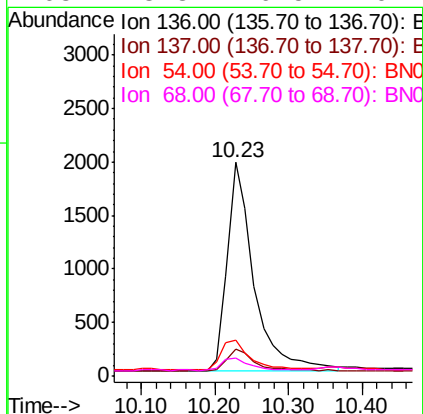
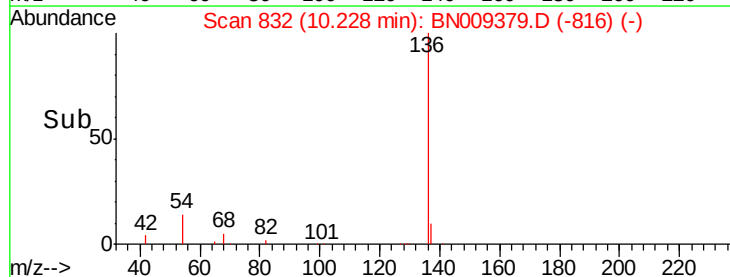
Ion 137.00 (136.70 to 137.70): BN009365.D (-825) (-)

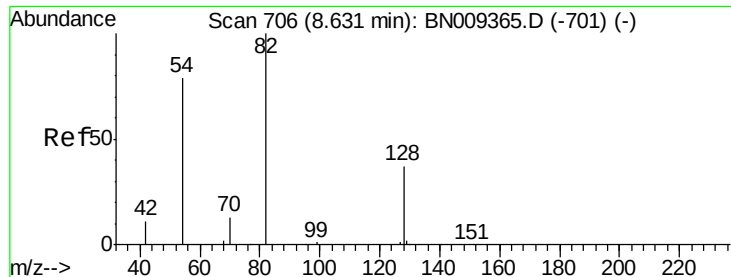
Ion 54.00 (53.70 to 54.70): BN009365.D (-825) (-)

Ion 68.00 (67.70 to 68.70): BN009365.D (-825) (-)

10.23

Time-->





#8

Nitrobenzene-d5

Concen: 0.292 ng

RT: 8.64 min Scan# 707

Delta R.T. 0.01 min

Lab File: BN009379.D

Acq: 15 Jan 2020 15:20

Instrument :

BNA_N

ClientSampleId :

PB126024BL

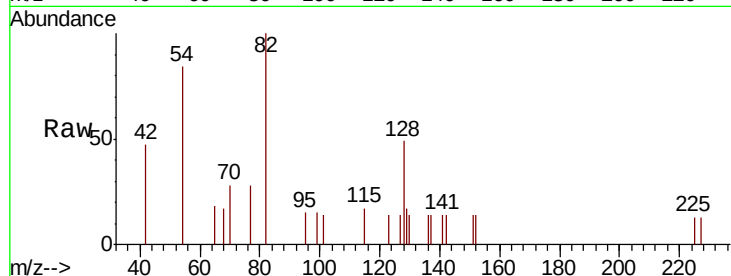
Tot Ion: 82 Resp: 1138

Ion Ratio Lower Upper

82 100

128 48.8 34.8 52.2

54 83.8 65.8 98.6



Abundance Ion 82.00 (81.70 to 82.70): BN009365.D (-701) (-)

Ion 128.00 (127.70 to 128.70): BN009365.D (-701) (-)

Ion 54.00 (53.70 to 54.70): BN009365.D (-701) (-)

8.64

300

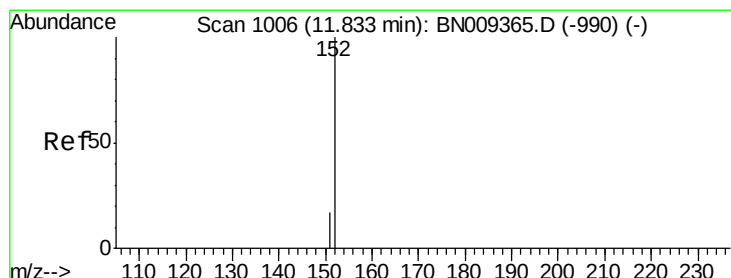
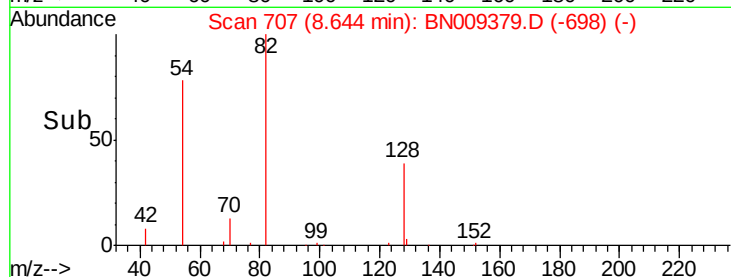
200

100

0

8.50 8.60 8.70 8.80

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.273 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BN009379.D

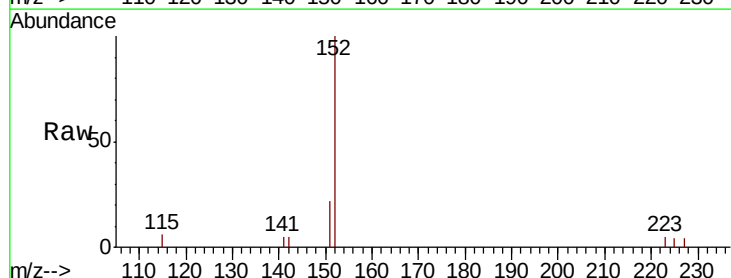
Acq: 15 Jan 2020 15:20

Tgt Ion: 152 Resp: 2584

Ion Ratio Lower Upper

152 100

151 18.4 14.8 22.2



Abundance Ion 152.00 (151.70 to 152.70): BN009365.D (-990) (-)

Ion 151.00 (150.70 to 151.70): BN009365.D (-990) (-)

11.83

1200

1000

800

600

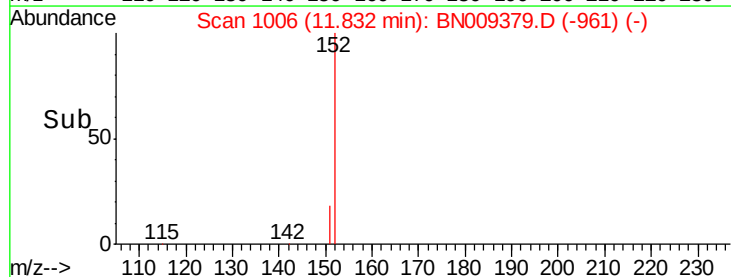
400

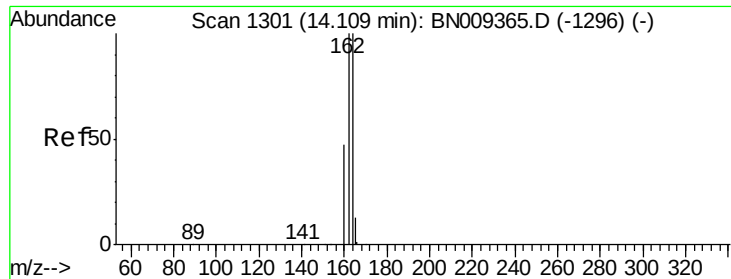
200

0

11.80 12.00

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BN009379.D

Acq: 15 Jan 2020 15:20

Instrument :

BNA_N

ClientSampleId :

PB126024BL

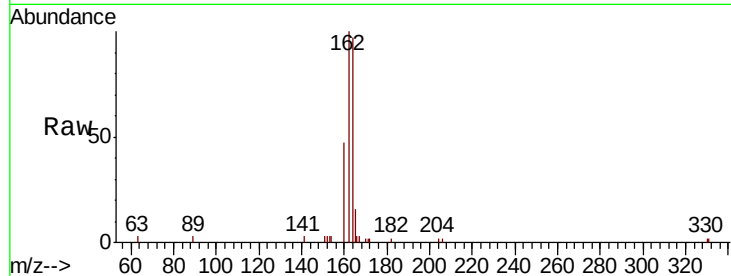
Tot Ion:164 Resp: 3177

Ion Ratio Lower Upper

164 100

162 102.7 79.8 119.6

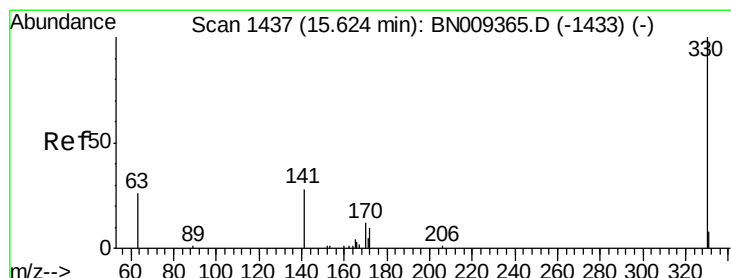
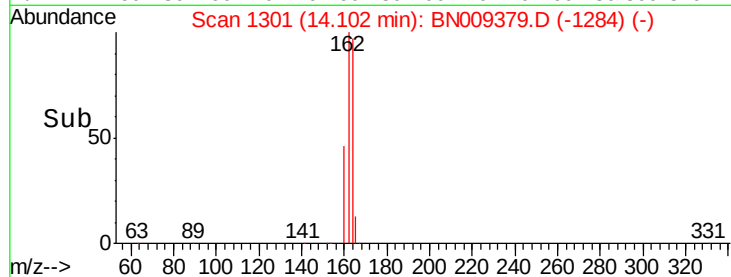
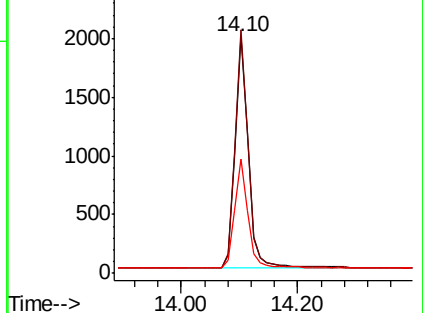
160 48.0 38.4 57.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.224 ng

RT: 15.62 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BN009379.D

Acq: 15 Jan 2020 15:20

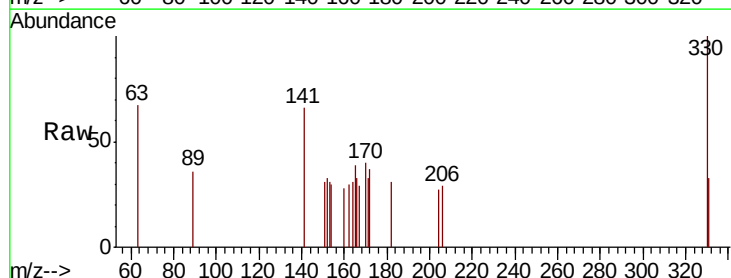
Tgt Ion:330 Resp: 269

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

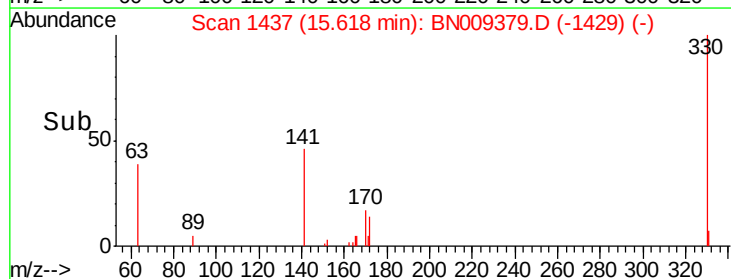
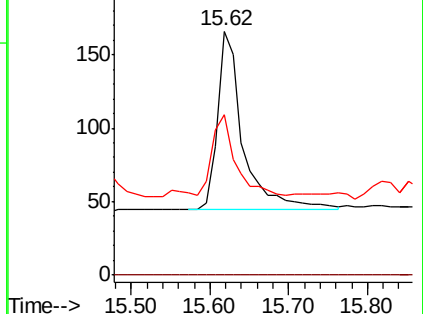
141 42.8 33.1 49.7

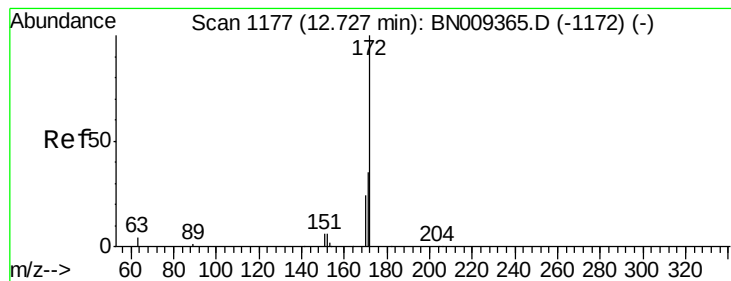


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

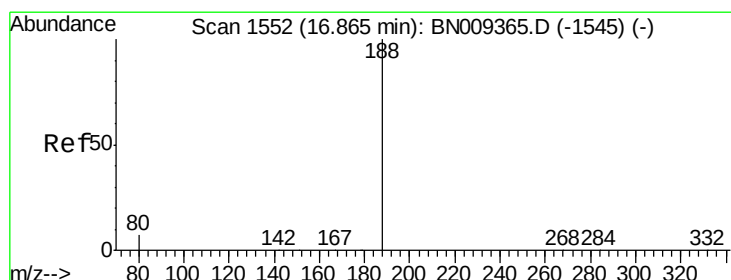
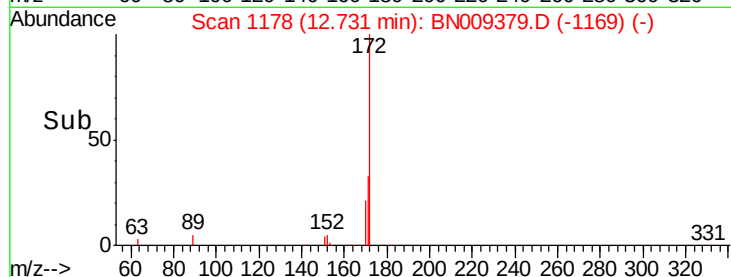
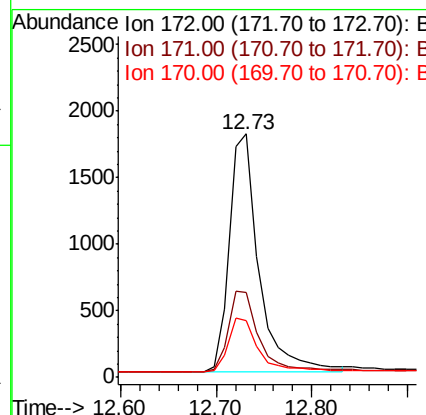
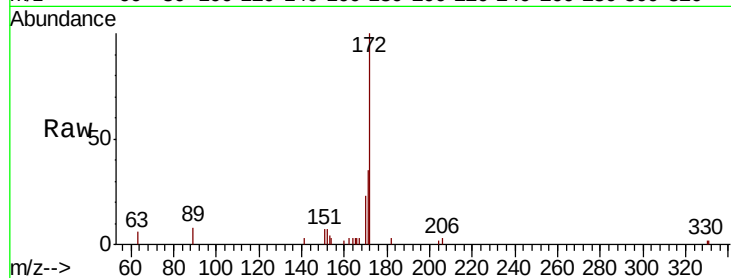




#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 12.73 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BN009379.D
Acq: 15 Jan 2020 15:20

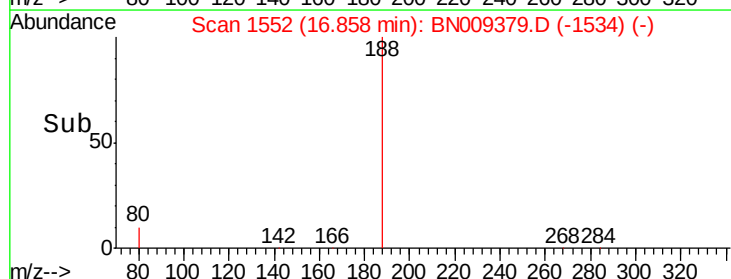
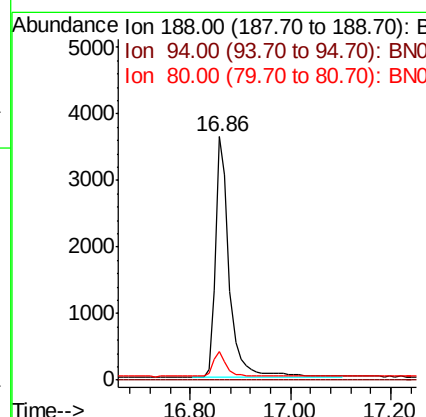
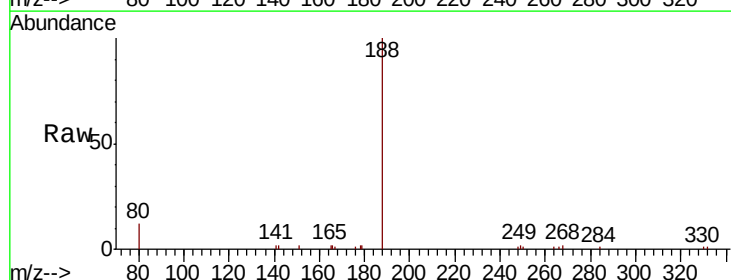
Instrument :
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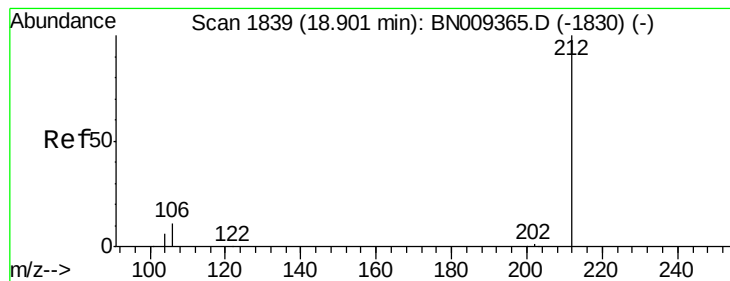
Tot Ion:172 Resp: 3843
Ion Ratio Lower Upper
172 100
171 35.0 29.5 44.3
170 23.1 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.86 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BN009379.D
Acq: 15 Jan 2020 15:20

Tgt Ion:188 Resp: 7069
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.9 6.6 10.0#





#25

Fluoranthene-d10

Concen: 0.282 ng

RT: 18.90 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BN009379.D

Acq: 15 Jan 2020 15:20

Instrument :

BNA_N

ClientSampleId :

PB126024BL

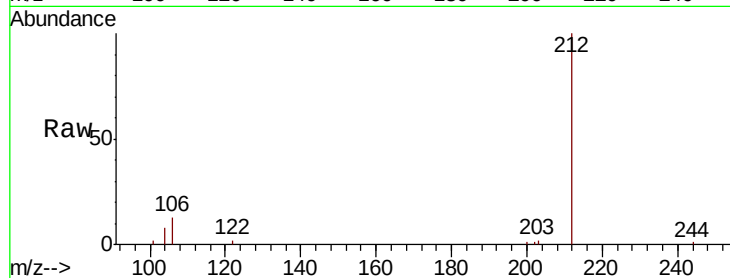
Tot Ion:212 Resp: 6826

Ion Ratio Lower Upper

212 100

106 11.6 9.2 13.8

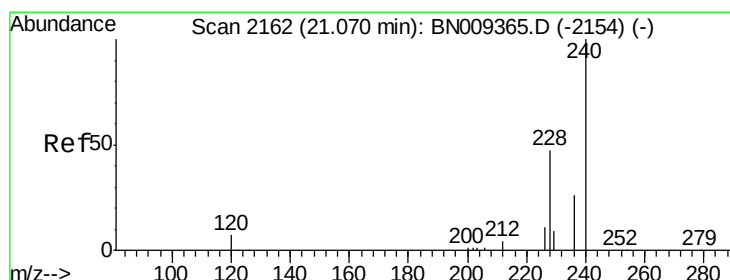
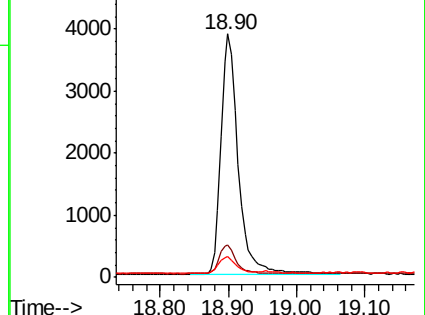
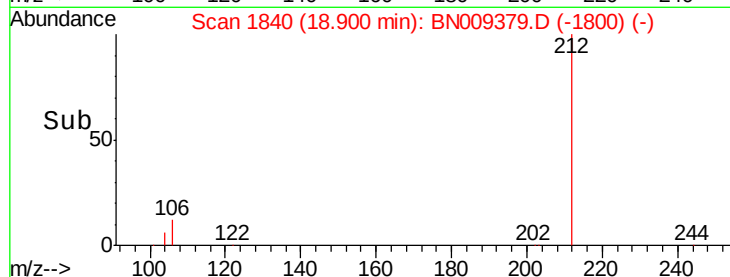
104 6.5 5.4 8.0



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.07 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BN009379.D

Acq: 15 Jan 2020 15:20

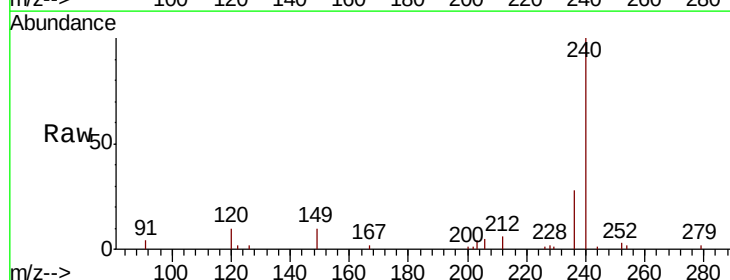
Tgt Ion:240 Resp: 6647

Ion Ratio Lower Upper

240 100

120 10.1 8.1 12.1

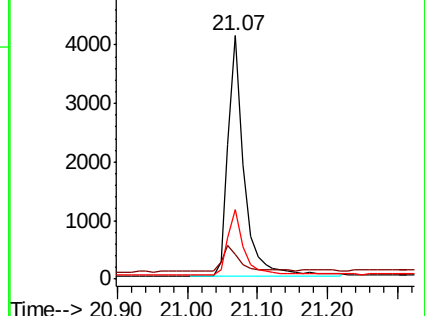
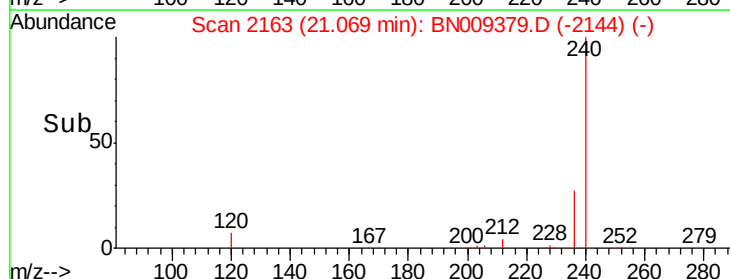
236 28.4 22.2 33.4

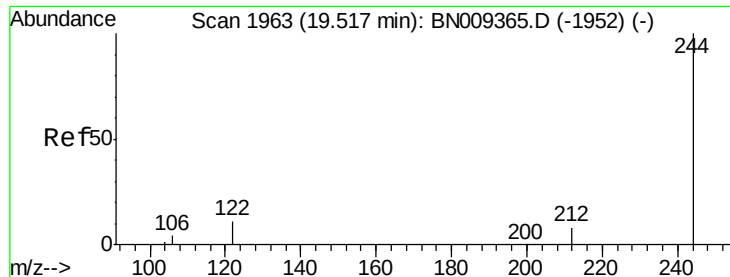


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.326 ng

RT: 19.51 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BN009379.D

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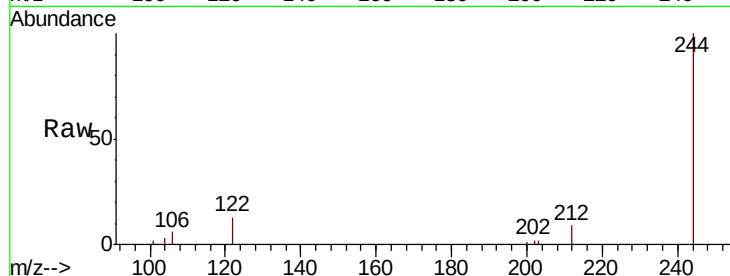
Tot Ion:244 Resp: 5137

Ion Ratio Lower Upper

244 100

212 9.5 7.5 11.3

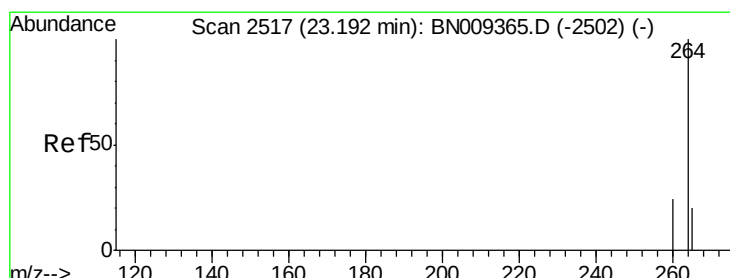
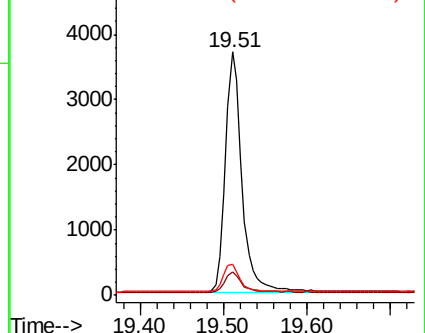
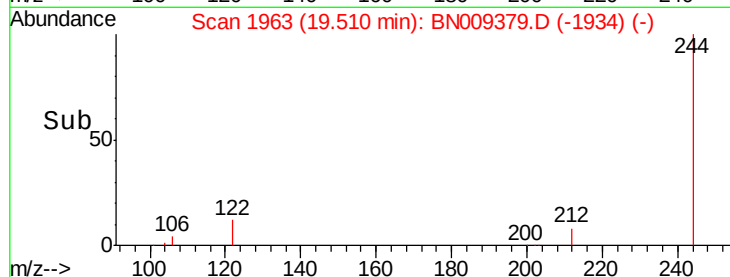
122 13.0 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.19 min Scan# 2518

Delta R.T. -0.00 min

Lab File: BN009379.D

Acq: 15 Jan 2020 15:20

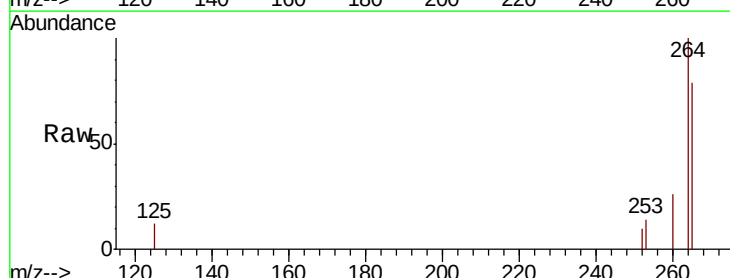
Tgt Ion:264 Resp: 6742

Ion Ratio Lower Upper

264 100

260 25.7 20.1 30.1

265 78.7 68.2 102.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

